

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF
LANGUAGE LISTENING AND SPEAKING SKILLS
Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter
Attorney Docket No.: C004 100104

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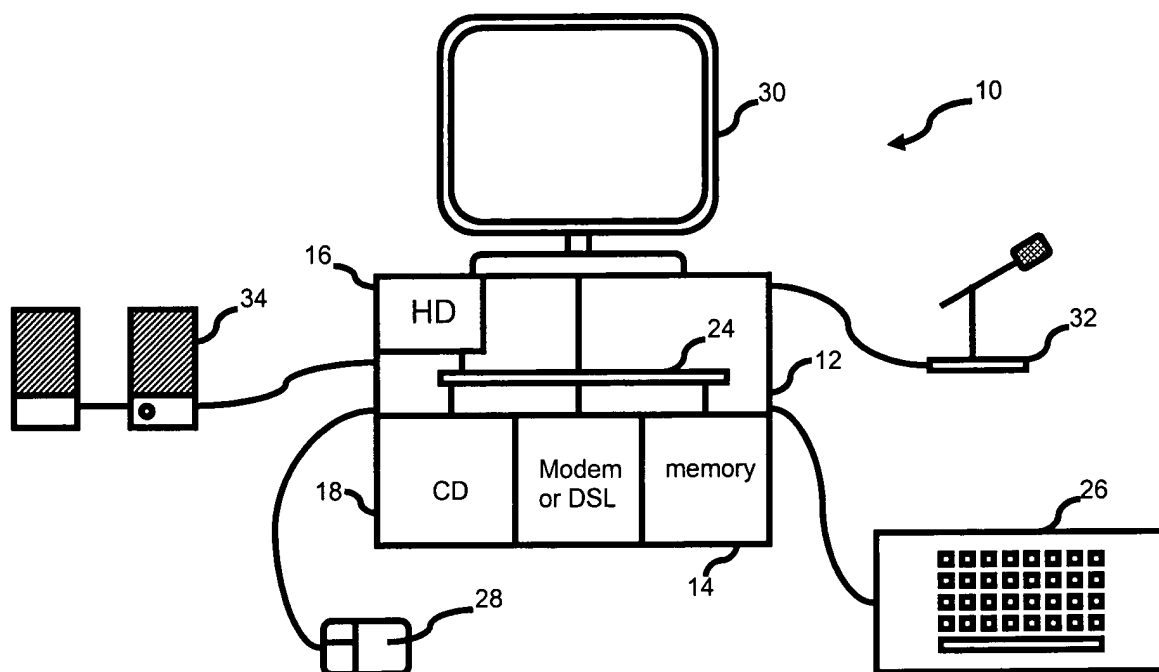


FIG. 1

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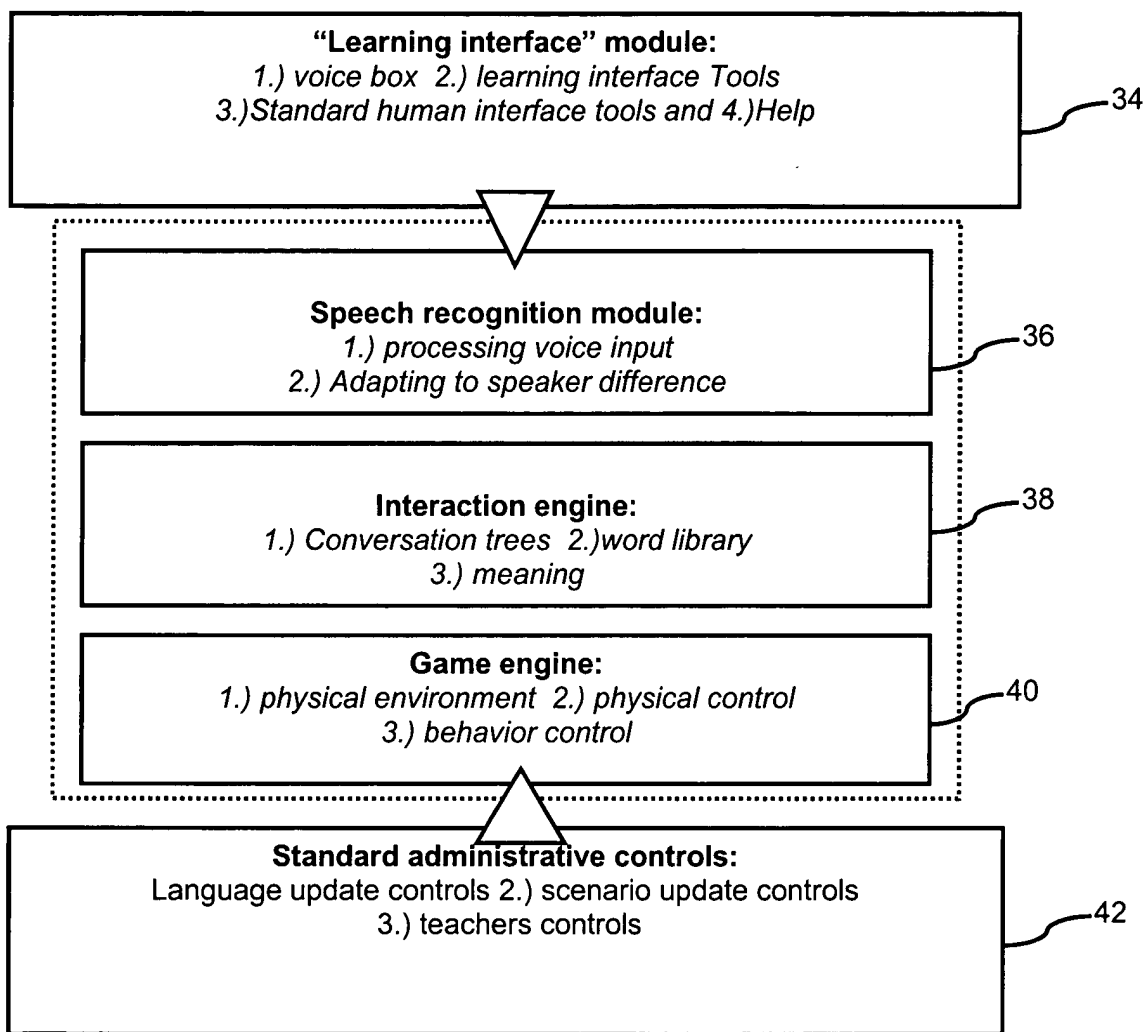


FIG. 2

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Learner 1
 UserName
 Demographics
 Name
 Age Range
 Sex
 Speech Recognition
 Reference to Voice Model
 Substitution Error List
 Learning
 Language
 Teacher ID
 Last Lesson Number
 Last Area Number
 Last Location
 Setup Preferences
 Lessons
 Lesson 1
 Character 1
 Points
 Duration
 Nodes Skipped
 Character 2, etc.
 Lesson 2, etc.

Learner 2, etc.

FIG. 3

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Language Dialect 1

Name of Dialect

Reference to Vocabulary Word Models

Reference to Language Model

Speech Recognition Substitution Error List

Language dialect-specific graphics (surfaces, dress)

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Environment Areas

Area 1

Coordinates

Start Location

Objects

Object 1

Name

Graphics

Coordinates

Reference to Animation Details

Reference to Voice Recording

Object 2, etc.

Characters

Character 1

Name

Graphics

Coordinates

Script

Node 1

Lesson Points

Character Prompt

Text

Reference to Voice Recording

Expected Learner Response 1

Text

Grammar Statement

Next Node ID

Expected Learner Response 2, etc.

Node 2, etc.

Character 2, etc.

Area 2, etc.

Lessons

Lesson 1

Area I

Character R

Character S, etc.

Area J, etc.

Lesson 2, etc.

Language Dialect 2, etc.

FIG. 4

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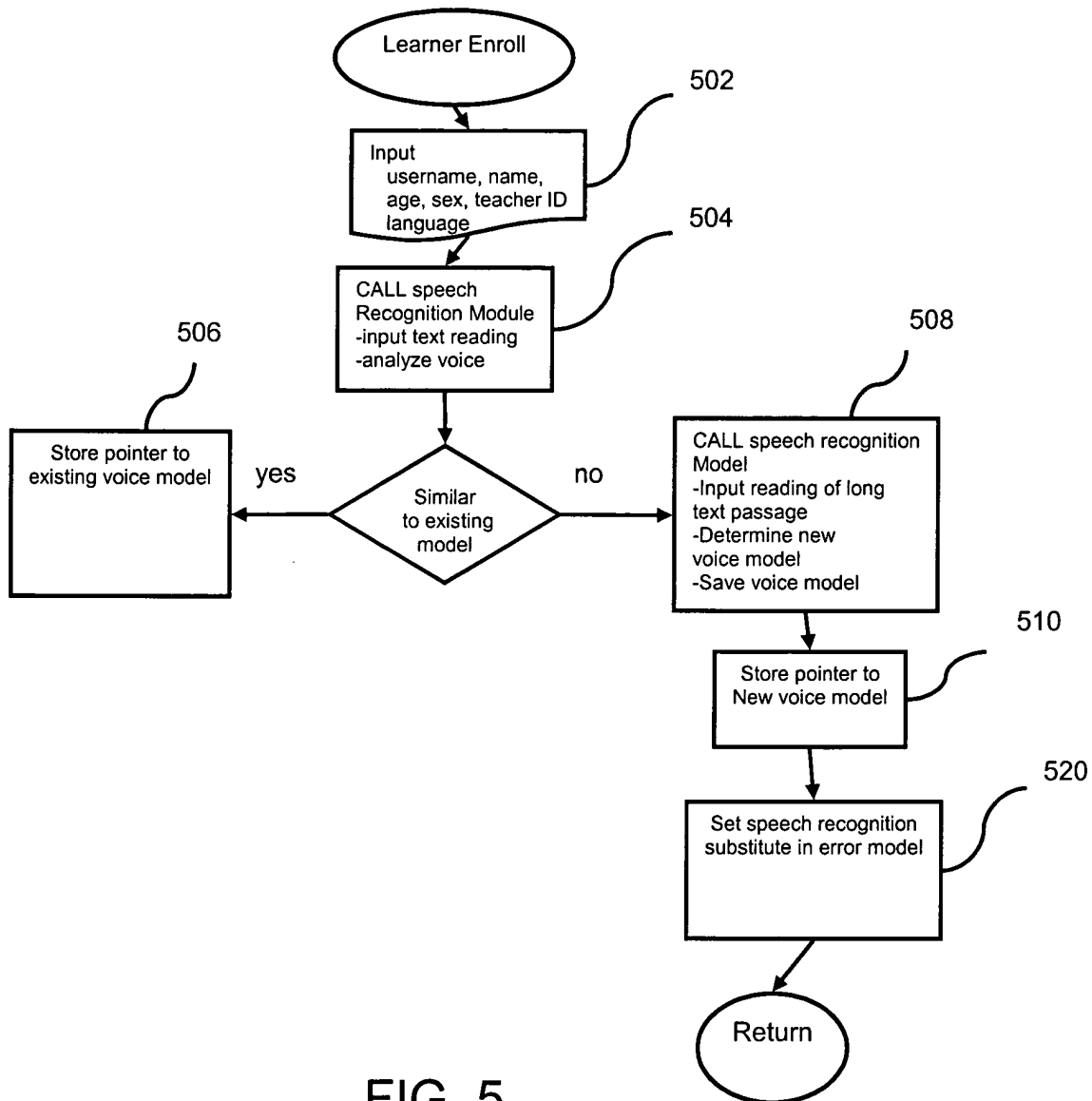


FIG. 5

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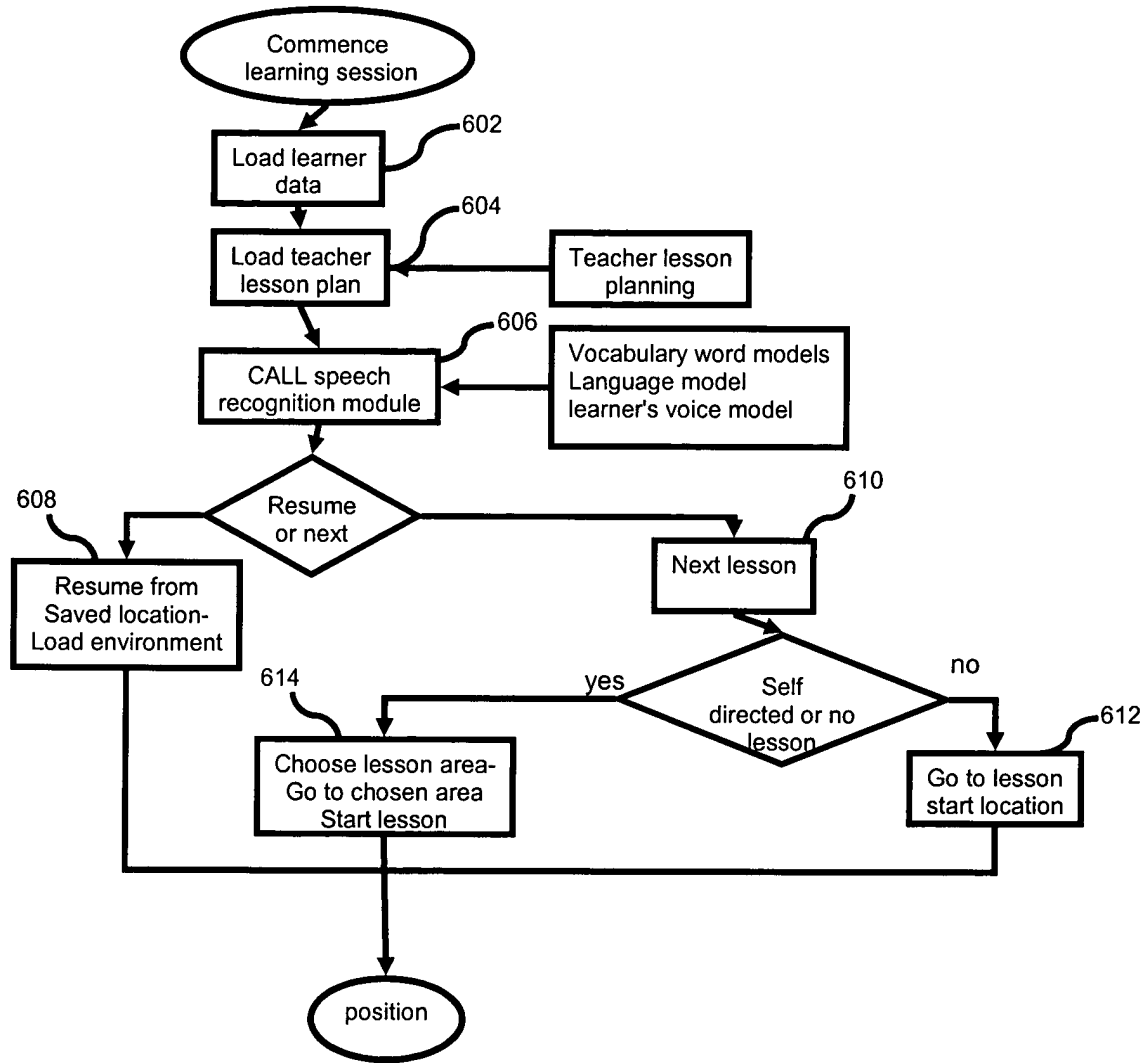


FIG. 6

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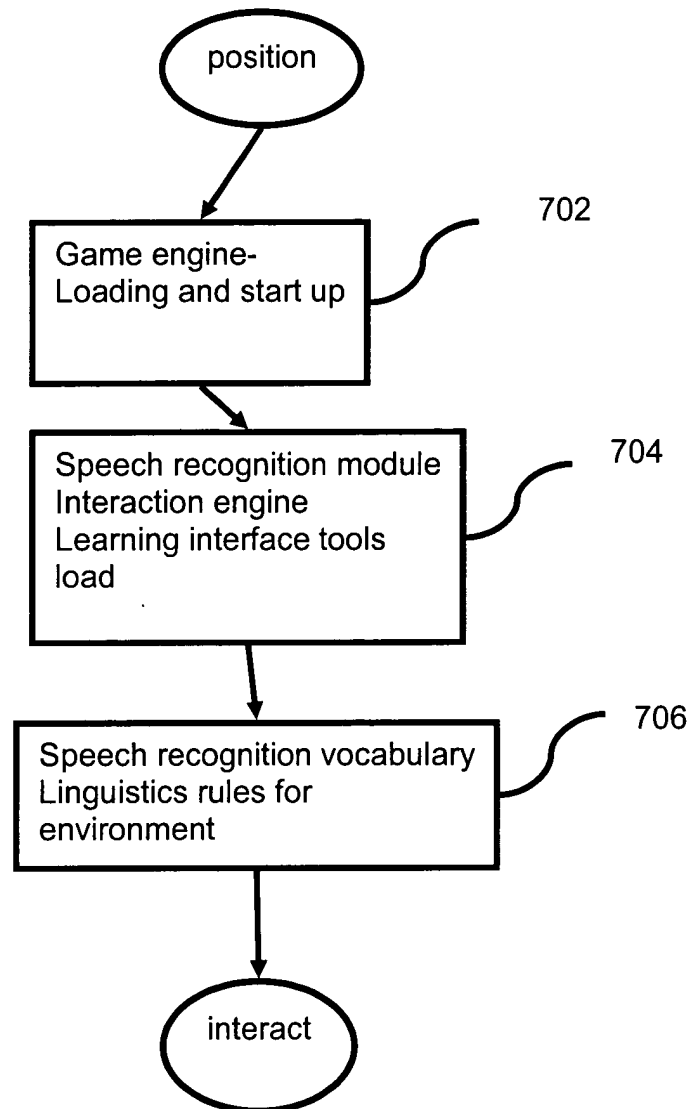


FIG. 7

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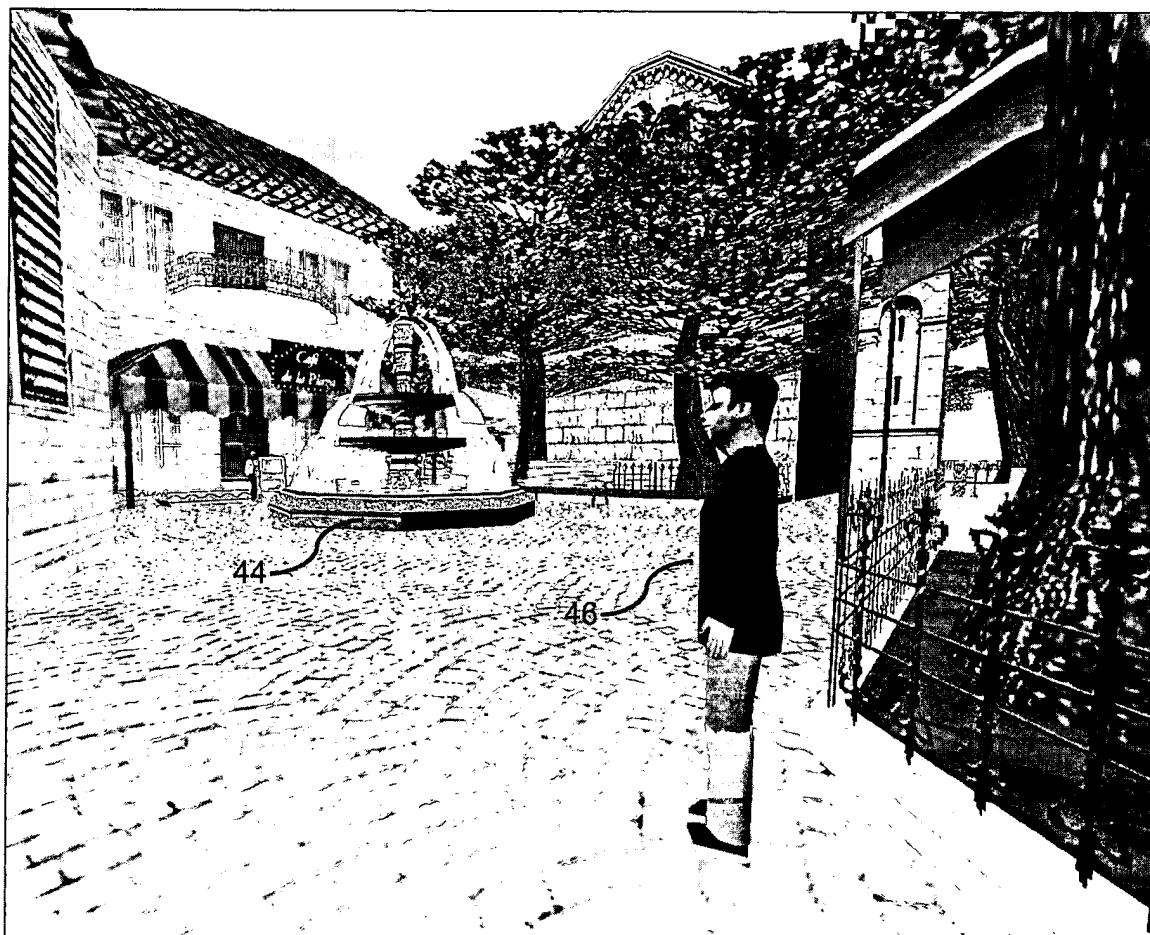


FIG. 8

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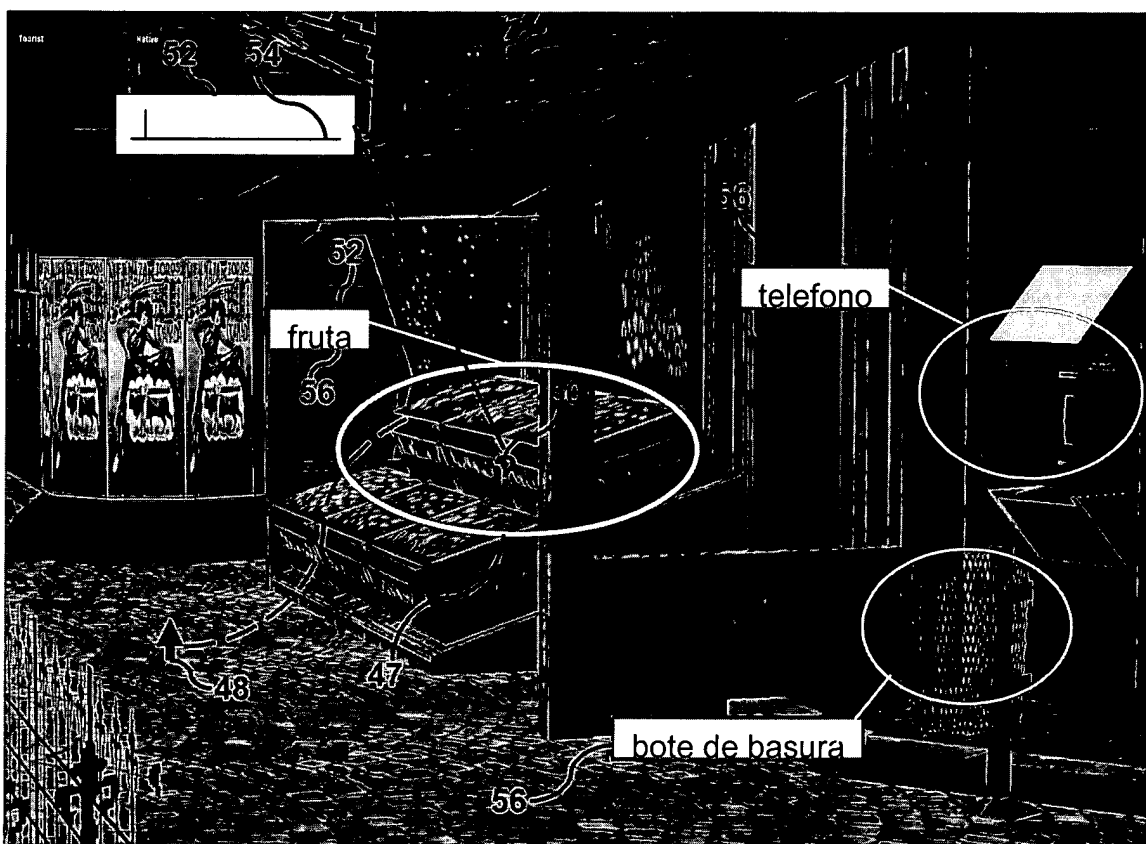


FIG. 9a

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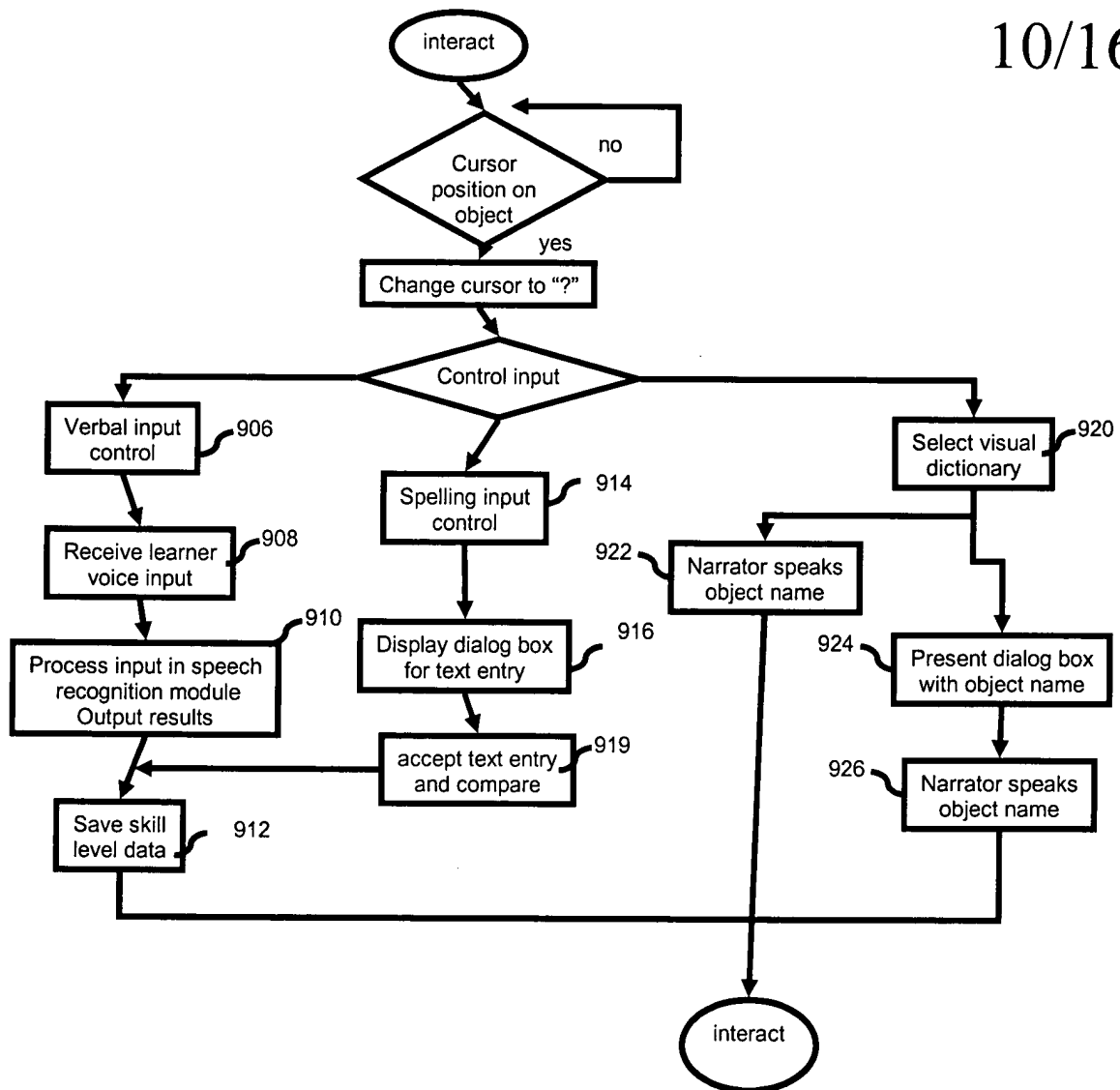


FIG. 9b

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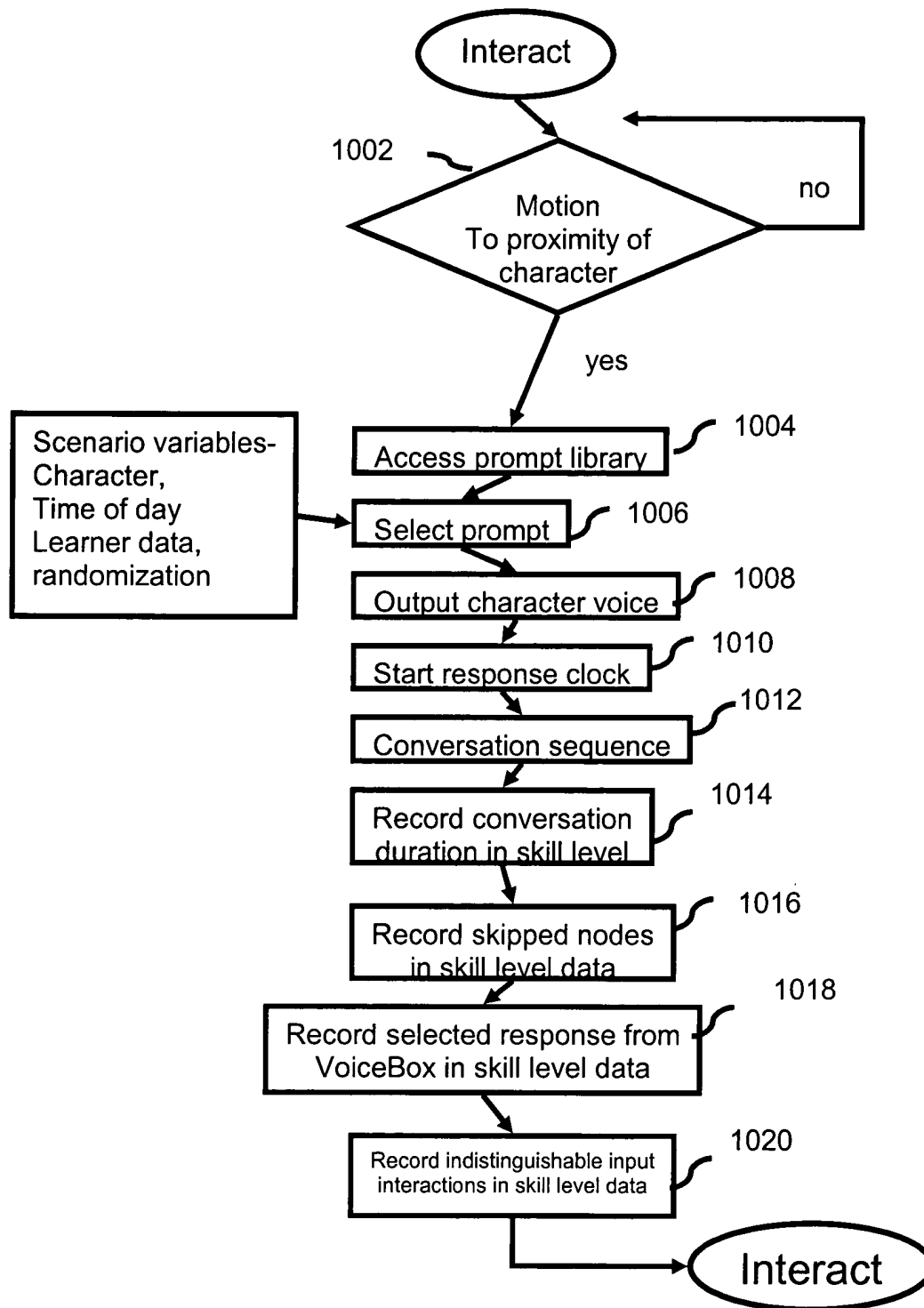


FIG. 10

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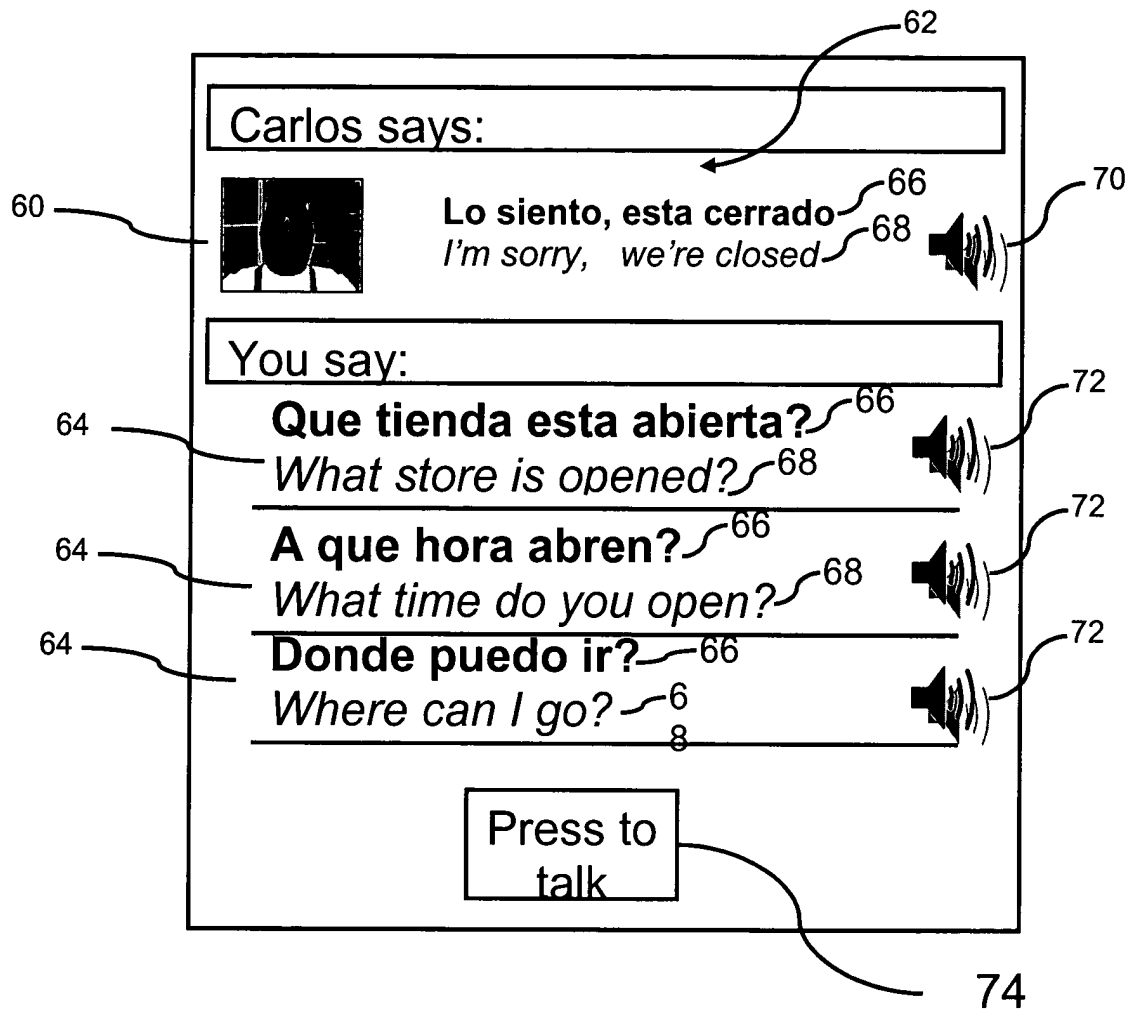


Fig 11

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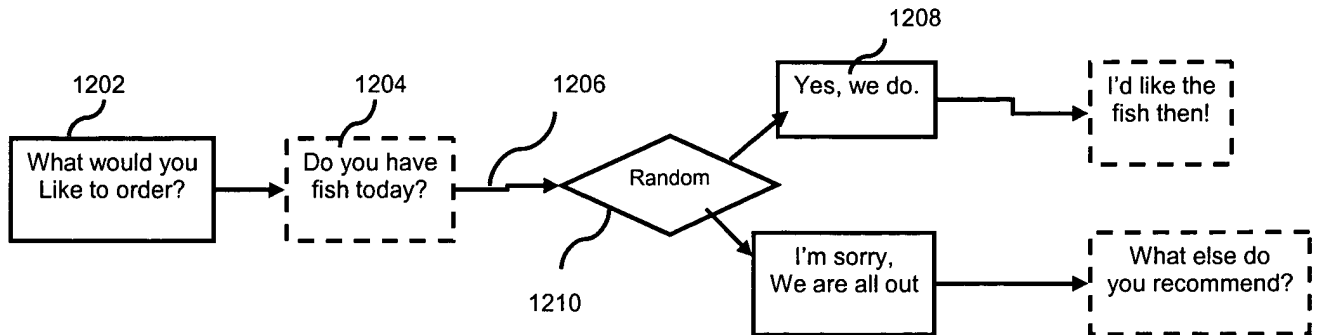


FIG. 12 A

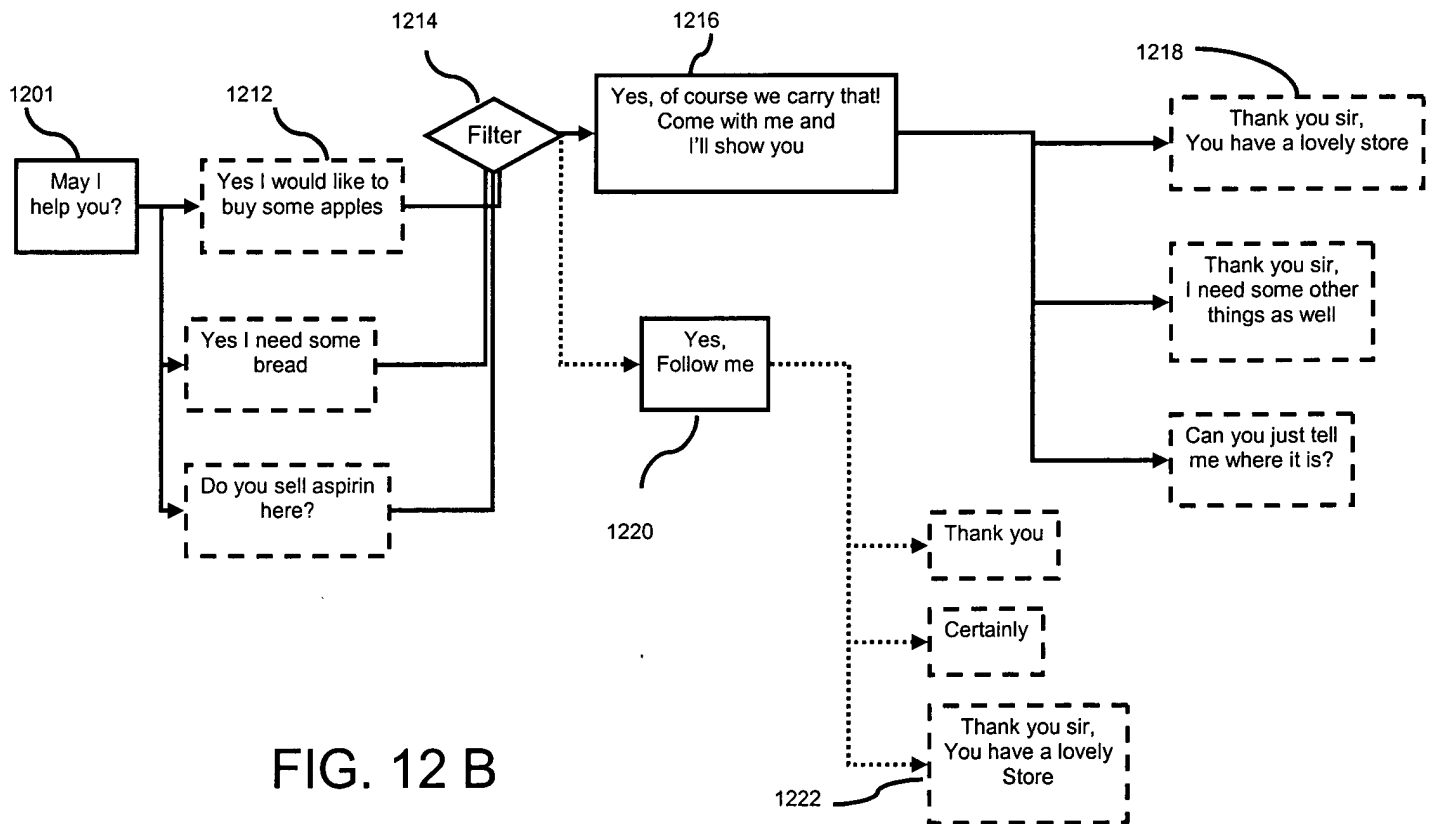


FIG. 12 B

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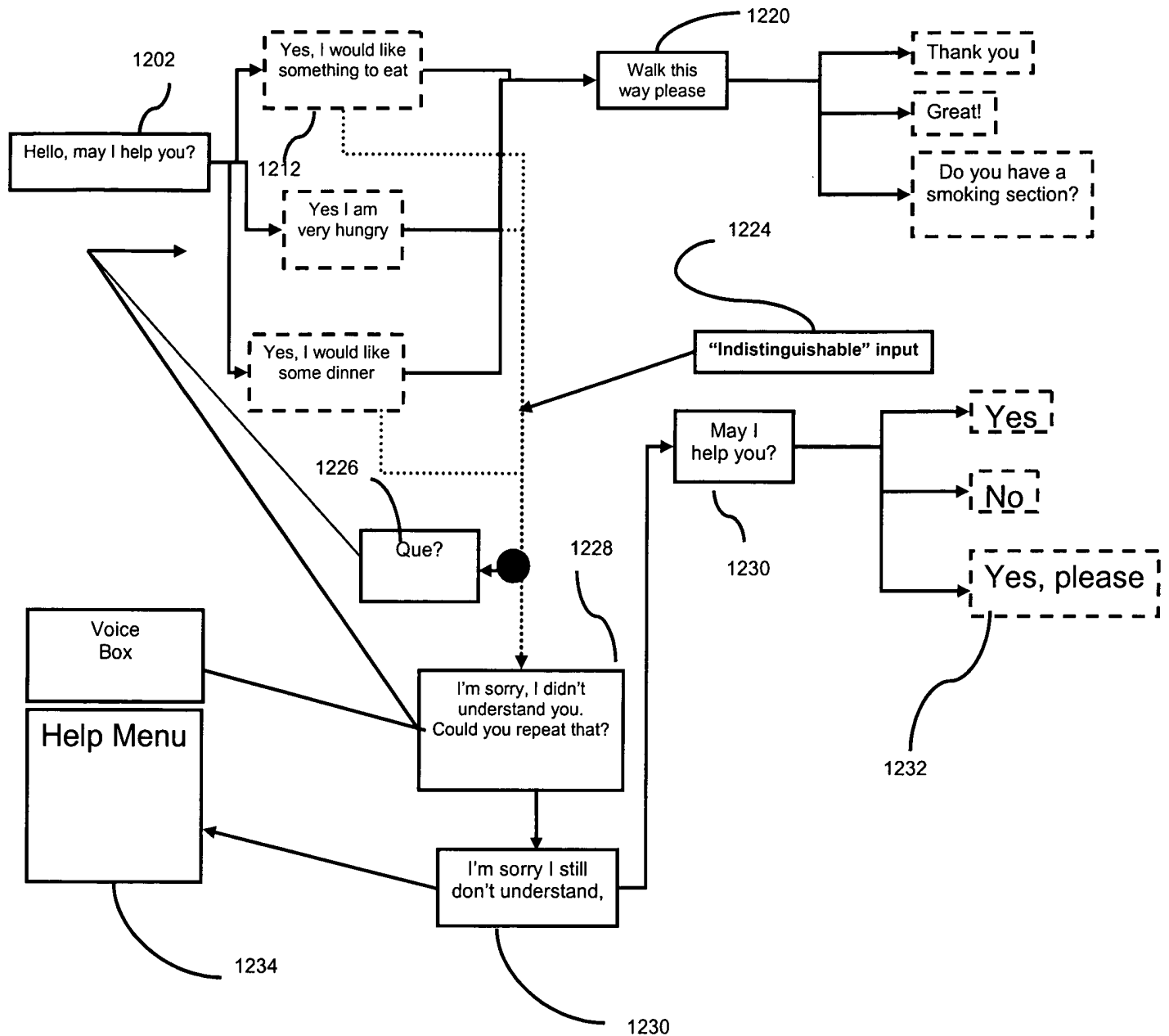


FIG. 12 C

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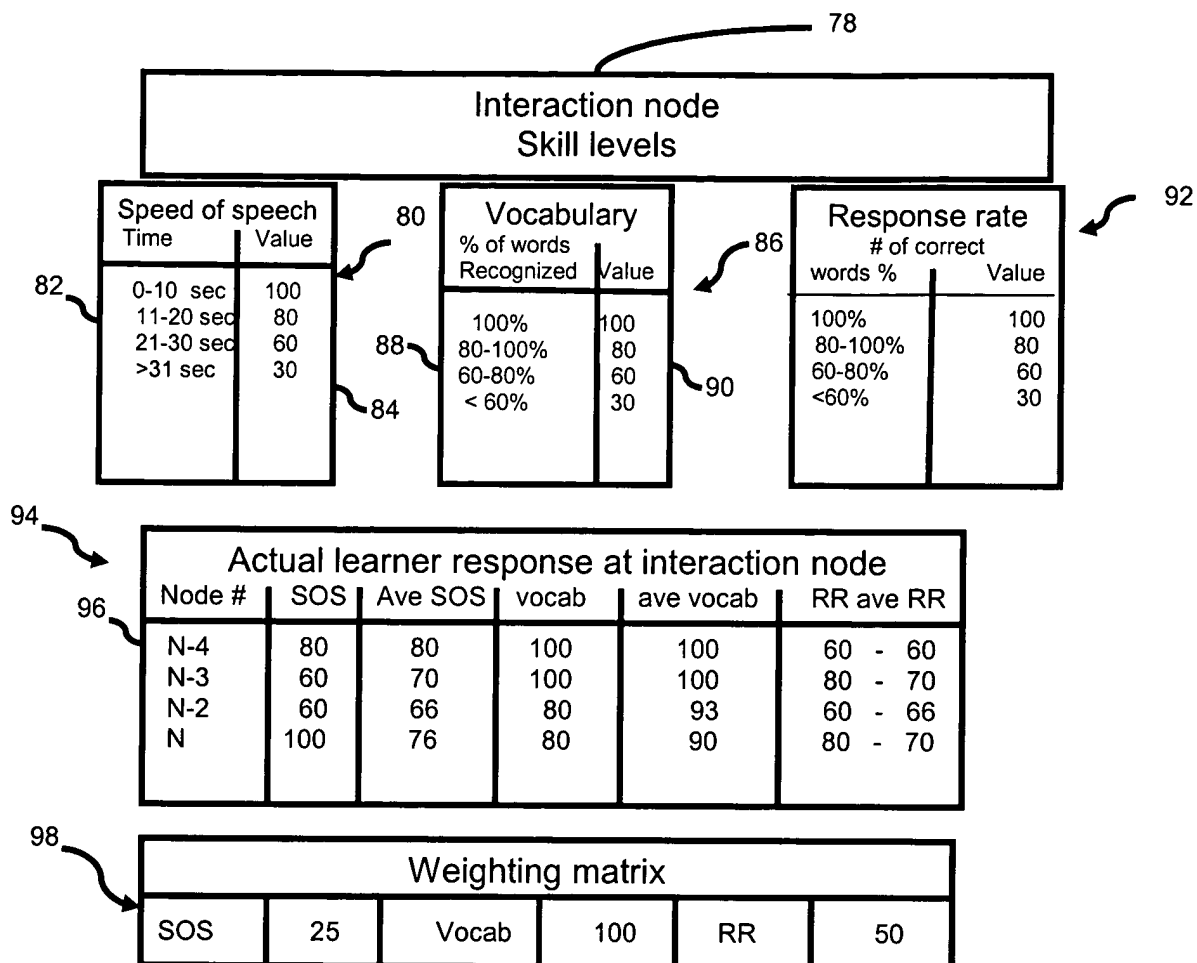


FIG. 13

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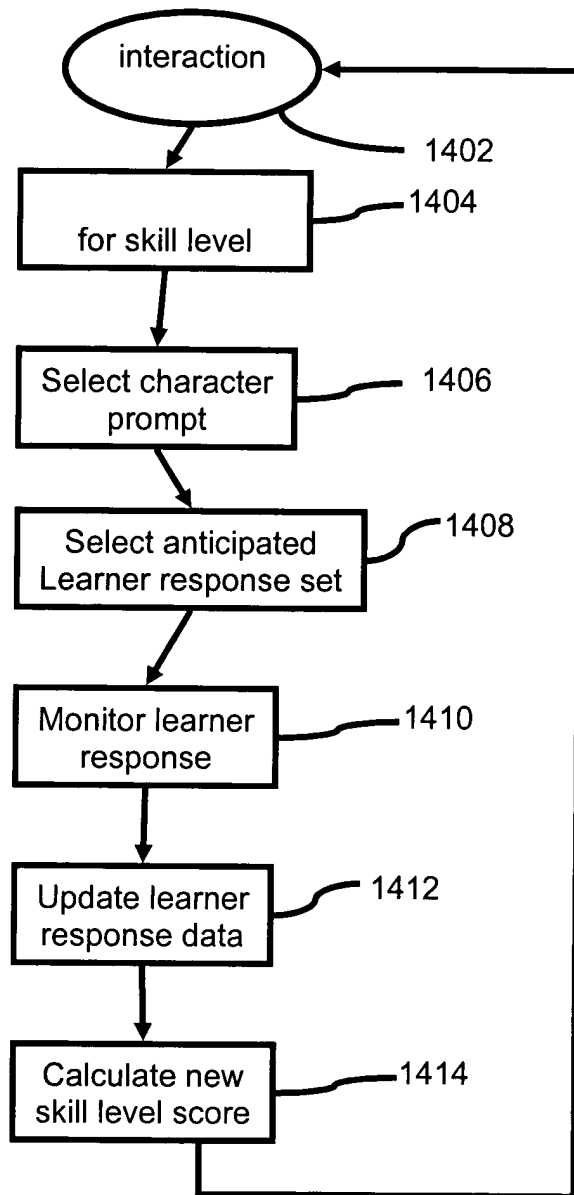


FIG. 14